



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 83 59 70

Classification of the application (IPC):
F16B 5/02, F16B 31/02, E04B 1/38, E04B 1/24

Technical fields searched (IPC):
F16B

| DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|-------------------------------------|---|-------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |
| X A | US 8683770 B2 (THE STEEL NETWORK, INC.) 01 April 2014 (2014-04-01) * column 2, line 66 - column 4, line 3; figures 1-3 * | 1-3, 5-15 4 |
| A | US 5876006 A (SHARP TERRY L [US] ET AL) 02 March 1999 (1999-03-02) * column 2, line 35 - column 5, line 53; figures 1-6 * | 1, 15 |
| X | FR 2768195 A1 (RENAULT [FR]) 12 March 1999 (1999-03-12) * page 3, line 22 - page 5, line 17; figures 1-5 * | 1, 4 |
| X | DE 102006020376 A1 (REHAU AG & CO [DE]) 31 October 2007 (2007-10-31) * paragraph [0029] - paragraph [0033]; figures 1-3 * | 1, 4 |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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|---------------------------|---|------------------------------|
| Place of search Munich | Date of completion of the search 24 January 2019 | Examiner Heinzler, Markus |
|---------------------------|---|------------------------------|

CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 24-01-2019
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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| US 8683770 | B2 | 01-04-2014 | NONE | |
| US 5876006 | A | 02-03-1999 | CA US | 22-02-1999 02-03-1999 |
| FR 2768195 | A1 | 12-03-1999 | NONE | |
| DE 102006020376 | A1 | 31-10-2007 | NONE | |